Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 27 Oct 2022 until 23:59 on Friday 28 Oct 2022

Forecast Issued on Thursday 27 Oct 2022 at 03:23

Confidence: High for changeable but mild conditions through the forecast period. Lower confidence throughout for the timings and details of rain.

Headline for Thursday 27 Oct 2022: Outbreaks of rain in morning, becoming drier and brighter in afternoon. Windy on the tops.

Mountain weather hazards on Thursday 27 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
80%	60%	20%	10%	<05%	<05%

Forecast for Thursday 27 Oct 2022

Weather: Cloudy with outbreaks of rain around dawn, continuing on and off through the morning, perhaps locally heavy at times. These will become lighter and gradually clear to give a mainly dry afternoon, staying breezy with bright intervals and just the odd light shower persisting. Some clear spells developing in the evening.

Chance of cloud-free hill tops above 600m: 20% at first, becoming 90% by afternoon.

Low cloud and visibility: Patchy cloud above around 200-300m to start the day, lifting slightly but becoming more extensive as rain moves in. Cloud slowly lifting and breaking late into the morning but continuing to affect the highest summits at times during the afternoon. Outside of cloud visibilities generally good, though dropping to a few km at times in early rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 27 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/34 S	21/27 SE	19/25 S	18/24 S	20/28 SW	18/25 S	18/25 S
300	20/29 SE	17/25 SE	16/22 S	15/21 S	14/23 S	12/21 S	13/21 S
Valley	11/27 SE	7/20 SE	9/18 S	9/20 S	8/22 S	7/19 S	7/19 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	12/9	12/9	13/10	13/9	12/8	11/8
300	13/9	13/10	15/12	16/13	15/12	14/12	13/11
Valley	13/11	14/13	16/15	16/15	15/14	13/12	13/12
Freezing Level*	2600m	2700m	2800m	2500m	2200m	2200m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Generally southerly/south-easterly winds will see slopes exposed to that direction seeing the worst of the early low cloud and poor visibilities, and route finding could be tricky in places during the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 27 Oct 2022	1.8mm	2.8mm	12mm

Forecast for Friday 28 Oct 2022

Weather: Dry with clear spells overnight. A spell of rain likely into the morning, perhaps turning heavy and squally at times. Drier and brighter weather into the afternoon onwards with a few showers. Very mild conditions.

Maximum wind: Southerly 30-35mph, gusts 40-50mph at first, becoming south-westerly 20 to 30mph with gusts 40mph by midday.

Chance of cloud-free hill tops above 600m: 20% during the morning becoming 90% in afternoon.

Low cloud and visibility: Some early low cloud likely, this tending to clear but turning poor for a few hours in the late morning early afternoon as outbreaks of rain bring patchy cloud above 400 or 500m. Visibility quickly improving by the afternoon with cloud lifting and breaking.

Temperature: **Valleys:** Plus 13 Celsius rising to 16 or 17 Celsius.
At 600m: Plus 10 or 11 Celsius.
Freezing level: Above summits.

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